

**CLAIMS**

1. A dispenser for dispensing different concentrations of chemical concentrate into a stream of water from a concentrate container at different flow rates comprising;  
a body member having a through bore with an inlet end adapted to be connected to a source of pressurized water at one end and an outlet at the opposite end;  
a product passage and a vent passage communicating with the through bore;  
an eductor slideably and rotatably received in the through bore;  
a guide member positioned in the through bore;  
a stop member located on the eductor;  
at least one passage in the stop member for passing over the guide member;

and

at least one stop surface for engaging the guide member, the guide member, the stop member and the stop surface constructed and arranged to stop axial movement of the eductor, yet allow axial movement when the passage is aligned with the guide member.

2. The dispenser of claim 1 wherein the eductor is composed of first and second parts, only one of which is rotatable.

3. The dispenser of claim 2 wherein the first part of the eductor is rotatable and extends from the body member.

4. The dispenser of claim 3 wherein the second part of the eductor is nonrotatable and the first and second parts of the eductor provide a fluid passage with the product passage.

5. The dispenser of claim 4 further including a dilution adjustment member connected to the rotatable eductor for fluid communication with the fluid passage.

6. The dispenser of claim 5 further including a product passage and a vent passage in the body member and a seal constructed and arranged to seal both the product passage and the vent passage.

7. The dispenser of claim 5 wherein the dilution adjustment member includes a multiplicity of different sized passages.

8. The dispenser of claim 1 further including an elongated spout connected to the body member, the spout adapted to be hung on a bucket.

9. The dispenser of claim 8 further including a flexible tube member connected to the eductor and the spout.

10. The dispenser of claim 1 further including a spray nozzle connected to the eductor.

11. The dispenser of claim 1 wherein a trigger member is connected to the body member and eductor to cause slideable movement of the eductor and further includes a latching mechanism.

12. The dispenser of claim 11 wherein the latching mechanism further includes a living hinge.

13. The dispenser of claim 1 wherein the stop member is provided by a selector ring.

14. The dispenser of claim 13 further including an indexing member, the indexing member providing a stop surface.

15. The dispenser of claim 13 wherein an intermediate stop is connected to the selector ring.

16. A dispenser for dispensing different concentrations of chemical concentrate into a stream of water from a concentrate container at different flow rates comprising;  
a body member having a through bore with an inlet end adapted to be connected to a source of pressurized water at one end and an outlet at the opposite end;  
a product passage and a vent passage communicating with the through bore;

- an eductor slideably and rotatably received in the through bore;
- a guide member positioned in the through bore;
- a stop member located on the eductor;
- at least two passages in the stop member for passing over the guide member, one of the passages including a stop surface;
- at least one stop surface for engaging the guide member, the guide member, the stop member and the stop surface constructed and arranged to stop axial movement of the eductor in one phase, allow a first axial movement when one of the passages is aligned with the guide member in a second phase, and allow a second axial movement when another of the passages with the stop member is aligned with the guide member in a third phase.

17. The dispenser of claim 13 further including a valve member, the valve member positioned in the through bore of the body member and including first and second valve members operatively associated with the eductor, the valve members constructed and arranged so that when the eductor is in the third phase, the first valve member is moved in a linear slideable manner with respect to the second valve member, a first flow rate is effected and when the eductor is in a second phase, the second valve member is moved in a linear slideable manner with respect to the body portion with the first valve member moved linearly with respect to the second valve member, an increased flow rate is established.